

Biochrom AG SAFETY DATA SHEET

acc. to EG guideline 91/155/EWG

Trade name:

Hanks' salt solution (HBSS)
with 0,35 g/l NaHCO₃, without phenol red
L 2035

Cat.No.:

Manufacturer/supplier:

Biochrom AG

Datum:

08.07.2009

Filename.: SDS-L2035-en-02.doc

Page 1 of 5

1. Name of substance and manufacturer/supplier:

1.1 Trade name:

Hanks' salt solution (HBSS)
with 0,35 g/l NaHCO₃, without phenol red

Cat.No.:

L 2035

1.2 Manufacturer/supplier:

Biochrom AG
Leonorenstr. 2-6
12247 Berlin / Germany
Tel.: 030-7799060 – Telefax: 030-7710012
email: info@biochrom.de

1.3 In case of emergency:

Contact your local poison emergency centre

2. Chemical characteristics / Ingredients

Only for *in vitro* use. Contains salts. Does not contain hazardous substances legally required for labelling. Currently nothing is known on possible hazardous nature.

CAS-No.:

10035-04-8 CaCl₂·2H₂O
10034-99-8 MgSO₄·7H₂O
7647-14-5 NaCl
7447-40-7 KCl
7778-77-0 KH₂PO₄
7558-79-4 Na₂HPO₄
50-99-7 D-Glucose
144-55-8 NaHCO₃

3. Possible hazard

3.1 Precautionary measures:

May be irritant to eyes, respiratory system, and skin. May be harmful if ingested, or inhaled.
The general precautionary measures about the use of chemicals have to be considered.



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Page 2 of 5

4. Emergency / First Aid:

4.1 Eye contact:

Immediately flush eyes with plenty of water for several minutes (10 – 15) with open lid. In case of indisposition seek medical advice.

4.2 Skin contact:

Immediately wash skin with soap and plenty of water. In case of skin irritation, seek medical advice.

4.3 Ingestion:

Wash out mouth with water, do not swallow. Call a physician.

4.4 Inhalation:

Fresh air, in case of indisposition seek medical advice. May be irritating to mucous membranes and upper respiratory tract.

4.5 Puncture wounds:

Wash thoroughly with soap and water. Allow to bleed freely. Call a physician.

4.6 Advice for the physician:

Therapy according to symptoms.

5. Precautions for fire fighting:

5.1 Fire extinguisher media:

No restriction

5.2 Thermic disintegration:

Toxic and irritating fumes can not develop

6. Precautions for unintentional release:

6.1 Precautions for spilling:

Absorb fluid, wash area thoroughly

6.2 Binder:

No restriction

Special precautions to restrict damage are not necessary



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Page 3 of 5

7. Storage and handling:

7.1 Handling:

Fluid not flammable. Avoid breathing aerosols. Avoid skin contact or swallowing.

7.2 Storage:

To be stored at +2 - +25°C

8. Exposition of restriction and personal protective clothes

8.1 MAK value:

None

8.2 Breathing protection:

None

8.3 Eye protection:

Safety glasses

8.4 Hand protection:

Protective gloves – before breaks and after finishing work, hands need to be washed.

9. Physical / chemical characteristics:

9.1 Appearance:

Liquid

9.2 Colour:

Colourless

9.3 Odor:

None

9.4 pH value:

6 - 8

9.5 Boiling point:

9.6 Melting point:

9.7 Boiling point:

9.8 Ignition temperature:

9.9 Explosion pressure:

9.10 Evaporation rate:

9.11 Density:

9.12 Solubility in water:

10. Stability and reactivity:

10.1 Hazardous reaction:

Not known if used as advised

10.2 Hazardous decomposition products:

None



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Page 4 of 5

11. Information to toxicology:

11.1 LD50 oral:	Not known
11.2 LD50:	Not known
11.3 LD50 dermal:	Not known
11.4 LD50 inhalativ:	Not known

12. Information to ecology:

12.1 Water-hazardous classification:	0 (Selfassessment)
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13. Information for disposal:

By following public authority's rules, the remnants can be flushed down the drain with plenty of water.

14. Information to transport:

14.1 GGVE/GGVS:)
14.2 ICAO/IATA-DGR:)
14.3 GGVSee/IMDG-CODE:)
14.4 RID/ADR:)
14.5 Un-No.:)
14.6 MFAG:)
14.7 EMS:)

Does not apply to the current regulations for dangerous goods (GGVS/ADR, GGVE/RID, IMDG, IATA/ICAO).

15. Regulations:

According to the EU directives, it is not necessary to declare this product as hazardous material.



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Page 5 of 5

16. Special note:

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose.

For *in vitro* use only.